

September 28, 2021

Zoning Board of Appeals
Town of Grafton
30 Providence Road
Grafton, MA 01519

**Subject: Providence Road Commons
Construction Completeness Review**

Dear Board Members:

As requested, Graves Engineering, Inc. (GEI) performed site visits during the period of May 7, 2012 to September 10, 2021 to observe road, drainage system and stormwater management infrastructure construction, and general conformance with the approved construction plans. GEI's last site visit of September 10, 2021 was also attended by Christopher McGoldrick, Grafton Town Planner and Brian MacEwen of GRAZ Engineering, L.L.C. This letter addresses construction-related issues only. A separate letter concerning GEI's review of the as-built plans is being issued under separate cover.

The top course of roadway asphalt was placed on October 23, 2018. Other finish surfaces (i.e., loam and seed, riprap, etc.) have also been placed. The site has been permanently stabilized.

Our comments follow:

1. Based upon visual observations during our site visits and our review of the as-built plans, it appears that the project was constructed substantially in accordance with the approved plans and approved modifications. Please see Photos 1 and 2.
2. Two streetlights, one at each intersection of Luka Drive and Providence Road, have not yet been installed. GEI understands that the developer is coordinating the installation and activation of those streetlights with the Grafton DPW and the electric utility company.
3. A hole approximately three feet by two feet by a foot deep developed at the top of the retaining wall between #17 and #19 Luka Drive. The hole needs to be filled. Please see Photo 3.
4. Riprap needs to be replaced or reset where it was displaced in the drainage plunge pool next to #29 Luka Drive. The replaced or reset riprap will have to be installed thick enough and of a large enough stone size to avoid being displaced by water discharged from the drainage pipe. Please see Photo 4.
5. GEI has no issues relative to the project's conformance with the Comprehensive Permit conditions cited in Sections V.C - Site Development Construction Conditions, V.D – Open Space, Wetland Resources and Landscaping, or V.I – Stormwater Management System.



Photo 1: Northern section of Luka Drive.



Photo 2: Southern section of Luka Drive.



Photo 3: Hole that needs to be filled between #17 and #19 Luka Drive.



Photo 4: Location where riprap needs to be reset next to #29 Luka Drive.

We trust this letter will address your review requirements. Please contact this office with any questions.

Very truly yours,
Graves Engineering, Inc.



Jeffrey M. Walsh, P.E.
Principal

cc: Christopher McGoldrick, Grafton Town Planner
Leah Cameron, Grafton Conservation Agent
Brian MacEwen, PLS; GRAZ Engineering, L.L.C.